GOVERNMENT OF INDIA
MINISTRY OF HEALTH AND FAMILY WELFARE
DEPARTMENT OF HEALTH AND FAMILY WELFARE

LOK SABHA
UNSTARRED QUESTION NO. 168
TO BE ANSWERED ON 15TH DECEMBER, 2017

SHORTAGE OF DOCTORS

168. DR. RAVINDRA KUMAR RAY:
SHRI K. PARASURAMAN:
PROF. CHINTAMANI MALVIYA:
SHRI RAJESH RANJAN:
SHRI AJAY MISRA TENI:
SHRI OM BIRLA:
DR. ANUPAM HAZRA:
COL. SONARAM CHOUDHARY:

Will the Minister of **HEALTH AND FAMILY WELFARE** be pleased to state:

(a) whether there is a huge shortage of doctors, nurses and other healthcare professionals in the country particularly in rural/remote/hilly areas;

(b) if so, the details thereof and the reasons therefor, State/UT-wise along with the existing doctor-patient/people ratio in the country;

(c) whether the Government has taken cognizance of a report of Indian Journal of Public Health that 20.7 lac doctors will be required by 2030 to achieve the target of one doctor per thousand of population, if so, the reaction of the Government thereto;

(d) whether the Government proposes to formulate any action plan to remove the shortage of doctors in Government hospitals, if so, the details thereof; and

(e) whether the Government is considering to seek the assistance of retired Government/private qualified doctors and enhance retirement age to meet the shortage of doctors in Government hospitals, if so, the details thereof?

ANSWER
THE MINISTER OF STATE IN THE MINISTRY OF HEALTH AND FAMILY WELFARE
(SHRI ASHWINI KUMAR CHOUBEY)

(a): As per Rural Health Statistics (RHS) 2017, there is a shortage of doctors, nurses and other healthcare professionals in public health facilities.

(b): State/UT-wise availability and shortfall of doctors, specialists, nursing staff, radiographers, pharmacists and laboratory technicians is at Annexure.

Various reasons attributed for shortage of healthcare professionals in public health facilities, particularly in rural areas include overall shortage of healthcare professionals in the country, feeling of professional isolation among healthcare professionals, and unwillingness on their part to work in rural areas.

As per information provided by Medical Council of India, there are a total 10,22,859 allopathic doctors registered with the State Medical Council/Medical Council of India as on 31st March, 2017. Assuming 80% availability, it is estimated that around 8.18 lakh doctors may be actually available for active service. It gives a doctor-population ratio of 1:1625 as per current population estimate of 1.33 billion.

(c) & (d): To achieve the target of one doctor per thousand of population, the Government has taken following steps to increase the number of doctors:

- The ratio of teachers to students has been revised from 1:1 to 1:2 for all MD/MS disciplines and 1:1 to 1:3 in subjects of Anaesthesiology, Forensic Medicine, Radiotherapy, Medical Oncology, Surgical Oncology and Psychiatry. Further, teacher: student ratio in public funded Government Medical Colleges for Professor has been increased from 1:2 to 1:3 in all clinical subjects and for Associate Professor from 1:1 to 1:2 if the Associate Professor is a unit head to result in increase in number of PG seats in the country.
- DNB qualification has been recognized for appointment as faculty to take care of shortage of faculty.
- Enhancement of maximum intake capacity at MBBS level from 150 to 250.
- Enhancement of age limit for appointment/ extension/ re-employment against posts of teachers/dean/principal/ director in medical colleges from 65-70 years.
- relaxation in the norms of setting up of Medical College in terms of requirement for land, faculty, staff, bed/bed strength and other infrastructure.
- Strengthening/ upgradation of State Government Medical Colleges for starting new PG courses/Increase of PG seats.
- Establishment of New Medical Colleges by upgrading district/referral hospitals preferably in underserved districts of the country.
- Strengthening/ upgradation of existing State Government/Central Government Medical Colleges to increase MBBS seats.

(e): Public health and hospital being a State subject, the primary responsibility to provide health care services lies with the respective State/UT Governments and all administrative and personnel matters pertaining to health human resource (Health HR) too fall within the jurisdiction of the respective State/ UT Governments. However, under National Health Mission (NHM) technical and financial support is provided to the State/UT Governments for strengthening their Health systems, including for availing services of Health HR on contract basis – services of retired / private doctors, based on proposals received from them in their Programme Implementation Plans (PIPs) within their overall resource envelope. Further, the State and UT Governments are also advised from time to time to expedite recruitment of Health HR to fill the vacant posts in various public health facilities.

DOCTORS[+] AT PRIMARY HEALTH CENTRES						
S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall
		[R]	[S]	[P]	[S-P]	[R-P]
1	Andhra Pradesh	1147	1952	1644	308	*
2	Arunachal Pradesh	143	NA	122	NA	21
3	Assam	1014	NA	1048	NA	*
4	Bihar #	1899	2078	1786	292	113
5	Chhattisgarh	785	798	341	457	444
6	Goa	24	48	56	*	*
7	Gujarat	1392	1769	1229	540	163
8	Haryana	366	687	429	258	*
9	Himachal Pradesh	538	636	492	144	46
10	Jammu & Kashmir	637	1347	704	643	*
11	Jharkhand	297	569	331	238	*
12	Karnataka	2359	2359	2136	223	223
13	Kerala	849	1120	1169	*	*
14	Madhya Pradesh	1171	1771	954	817	217
15	Maharashtra	1814	3009	2929	80	*
16	Manipur	85	238	194	44	*
17	Meghalaya ##	109	128	112	16	*
18	Mizoram ###	57	152	56	96	1
19	Nagaland	126	108	122	*	4
20	Odisha	1280	1285	940	345	340
21	Punjab	432	593	568	25	*
22	Rajasthan	2079	2664	2382	282	*
23	Sikkim	24	NA	30	NA	*
24	Tamil Nadu	1362	2927	2759	168	*
25	Telangana	689	1318	966	352	*
26	Tripura	93	0	156	*	*
27	Uttarakhand	257	386	215	171	42
28	Uttar Pradesh	3621	4509	2209	2300	1412
29	West Bengal	914	1390	918	472	*
30	A& N Islands	22	42	34	8	*
31	Chandigarh	3	0	3	*	0
32	D & N Haveli	9	15	8	7	1
33	Daman & Diu	4	3	7	*	*
34	Delhi	5	21	21	0	*
35	Lakshadweep	4	8	8	0	*
36	Puducherry	40	38	46	*	*
	All India[2]/ Total	**25650**	**33968**	**27124**	**8286**	**3027**

Notes: *# Sanctioned data for year 2011 used*

 # Sanctioned data for year 2015 used

Sanctioned data for year 2013-14 used

NA: Not Available.

+: *Allopathic Doctors*

All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States / UTs

*: *Surplus.*

[1] *One per Primary Health Centre*

[2] *For calculating the overall percentages of vacancy, the States/UTs for which manpower position is not available, are excluded*

General Duty Medical Officers (GDMOs) - Allopathic at CHCs			
S. No.	State/UT	(As on 31st March, 2017)	
		Sanctioned	In Position
		[S]	[P]
1	Andhra Pradesh	247	273
2	Arunachal Pradesh	NA	119
3	Assam	NA	386
4	Bihar	NA	714
5	Chhattisgarh	353	434
6	Goa	12	10
7	Gujarat	1151	966
8	Haryana	494	262
9	Himachal Pradesh	234	214
10	Jammu & Kashmir	751	618
11	Jharkhand	954	651
12	Karnataka	255	218
13	Kerala	781	1019
14	Madhya Pradesh	1854	797
15	Maharashtra	512	486
16	Manipur	97	93
17	Meghalaya #	91	75
18	Mizoram	NA	16
19	Nagaland	42	52
20	Odisha	439	726
21	Punjab	282	404
22	Rajasthan	1293	1045
23	Sikkim	NA	3
24	Tamil Nadu	2873	2547
25	Telangana	464	368
26	Tripura	0	84
27	Uttarakhand	57	47
28	Uttar Pradesh	778	778
29	West Bengal	790	871
30	A& N Islands	13	12
31	Chandigarh ##	6	20
32	D & N Haveli	0	6
33	Daman & Diu	4	4
34	Delhi	0	0
35	Lakshadweep	14	14
36	Puducherry	18	18
	All India/Total[2]	**14859**	**14350**

Notes:

 # Sanctioned data for year 2015 used

Sanctioned data for year 2013-14 used

NA: Not Available

[2] For calculating the overall percentages of vacancy, the States/UTs for which manpower position is not available, are excluded

TOTAL SPECIALISTS AT CHCs

Total Specialists [Surgeons, OB&GY, Physicians & Paediatricians]

S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall
		[R]	[S]	[P]	[S-P]	[R-P]
1	Andhra Pradesh	772	533	348	185	424
2	Arunachal Pradesh	252	NA	4	NA	248
3	Assam	632	NA	139	NA	493
4	Bihar	600	NA	82	NA	518
5	Chhattisgarh	676	620	59	561	617
6	Goa	16	5	4	1	12
7	Gujarat	1452	611	92	519	1360
8	Haryana	448	74	16	58	432
9	Himachal Pradesh	356	NA	12	NA	344
10	Jammu & Kashmir	336	344	191	153	145
11	Jharkhand	752	424	75	349	677
12	Karnataka	824	824	498	326	326
13	Kerala	928	30	40	*	888
14	Madhya Pradesh	1236	1236	180	1056	1056
15	Maharashtra	1440	823	508	315	932
16	Manipur	68	4	3	1	65
17	Meghalaya	108	3	13	*	95
18	Mizoram	36	33	0	33	36
19	Nagaland	84	NA	8	NA	76
20	Odisha	1480	884	318	566	1162
21	Punjab	604	593	203	390	401
22	Rajasthan	2316	1593	497	1096	1819
23	Sikkim	8	NA	1	NA	7
24	Tamil Nadu	1540	NA	78	NA	1462
25	Telangana	456	284	125	159	331
26	Tripura	84	0	0	0	84
27	Uttarakhand	240	200	41	159	199
28	Uttar Pradesh	3288	2099	484	1615	2804
29	West Bengal	1396	669	117	552	1279
30	A& N Islands	16	9	0	9	16
31	Chandigarh	8	9	15	*	*
32	D & N Haveli	8	0	0	0	8
33	Daman & Diu	8	2	0	2	8
34	Delhi	0	0	0	0	0
35	Lakshadweep	12	0	0	0	12
36	Puducherry	16	4	5	*	11
	All India[2]/ Total	**22496**	**11910**	**4156**	**8105**	**18347**

Notes:

NA: Not Available.

[1] *Four per Community Health Centre*

All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States / UTs

**: Surplus.*

[2] *For calculating the overall percentages of vacancy and shortfall, the States/UTs for which manpower position is not available, are excluded*

NURSING STAFF at PHCs & CHCs						
S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall[1]
		[R1]	[S]	[P]	[S-P]	[R1-P]
1	Andhra Pradesh	2498	4307	3541	766	*
2	Arunachal Pradesh	584	NA	498	NA	86
3	Assam#	2120	2798	2793	5	*
4	Bihar##	2949	1662	1142	520	1807
5	Chhattisgarh	1968	2685	1918	767	50
6	Goa	52	132	129	3	*
7	Gujarat	3933	3994	3529	465	404
8	Haryana	1150	1929	1675	254	*
9	Himachal Pradesh	1161	837	542	295	619
10	Jammu & Kashmir	1225	1710	1480	230	*
11	Jharkhand ###	1613	703	1136	*	477
12	Karnataka	3801	2667	3339	*	462
13	Kerala	2473	3610	3969	*	*
14	Madhya Pradesh	3334	4624	3211	1413	123
15	Maharashtra	4334	3218	2519	699	1815
16	Manipur	204	484	397	87	*
17	Meghalaya ^	298	413	610	*	*
18	Mizoram $	120	570	212	358	*
19	Nagaland	273	175	387	*	*
20	Odisha	3870	866	1817	*	2053
21	Punjab	1489	2189	2019	170	*
22	Rajasthan	6132	12472	9311	3161	*
23	Sikkim	38	NA	33	NA	5
24	Tamil Nadu	4057	8133	7487	646	*
25	Telangana	1487	2130	1904	226	*
26	Tripura	240	0	597	*	*
27	Uttarakhand	677	307	349	*	328
28	Uttar Pradesh	9375	4497	4412	85	4963
29	West Bengal	3357	10380	9248	1132	*
30	A& N Islands	50	199	193	6	*
31	Chandigarh^^	17	47	80	*	*
32	D & N Haveli	23	14	45	*	*
33	Daman & Diu	18	14	16	*	2
34	Delhi	5	5	7	*	*
35	Lakshadweep	25	54	54	0	*
36	Puducherry	68	131	139	*	*
	All India/Total	**65018**	**77956**	**70738**	**11288**	**13194**

Notes: *# Sanctioned data for year 2013 used*
Sanctioned data for year 2011 used
Sanctioned data for year 2016 used
^ Sanctioned data for year 2015 used
$ Total 570 Staff Nurses sanctioned in the State
^^Sanctioned data for year 2013-14 used

[1] *One per Primary Health Centre and seven per Community Health Centre*
All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States / UTs

**: Surplus.*
NA: Not Available.

RADIOGRAPHERS at CHCs						
S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall
		[R]	[S]	[P]	[S-P]	[R-P]
1	Andhra Pradesh	193	160	75	85	118
2	Arunachal Pradesh	63	NA	7	NA	56
3	Assam #	158	145	60	85	98
4	Bihar ##	150	89	1	88	149
5	Chhattisgarh	169	162	130	32	39
6	Goa	4	6	6	0	*
7	Gujarat	363	363	162	201	201
8	Haryana	112	73	40	33	72
9	Himachal Pradesh	89	65	33	32	56
10	Jammu & Kashmir	84	305	210	95	*
11	Jharkhand ###	188	188	57	131	131
12	Karnataka	206	206	167	39	39
13	Kerala	232	16	18	*	214
14	Madhya Pradesh	309	312	176	136	133
15	Maharashtra	360	140	107	33	253
16	Manipur	17	13	13	0	4
17	Meghalaya ^	27	19	21	*	6
18	Mizoram $	9	5	6	*	3
19	Nagaland	21	1	1	0	20
20	Odisha	370	57	68	*	302
21	Punjab	151	171	129	42	22
22	Rajasthan	579	714	205	509	374
23	Sikkim	2	NA	1	NA	1
24	Tamil Nadu	385	294	119	175	266
25	Telangana	114	98	58	40	56
26	Tripura	21	0	11	*	10
27	Uttarakhand	60	32	15	17	45
28	Uttar Pradesh	822	230	82	148	740
29	West Bengal	349	275	135	140	214
30	A& N Islands	4	0	0	0	4
31	Chandigarh^^	2	5	5	0	*
32	D & N Haveli	2	0	0	0	2
33	Daman & Diu	2	3	3	0	*
34	Delhi	0	0	0	0	0
35	Lakshadweep	3	5	5	0	*
36	Puducherry	4	3	3	0	1
	All India/Total	**5624**	**4155**	**2129**	**2061**	**3629**

Notes: *# Sanctioned data for the year 2013 used*
Sanctioned data for the year 2011 used
Sanctioned data for the year 2016 used
^ Sanctioned data for the year 2015 used
^^ Sanctioned data for the year 2013-14 used
$ Total 5 Radiographers sanctioned in the State
[1] *One per Community Health Centre*
All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States / UTs
**: Surplus*
NA: Not Available.

PHARMACISTS at PHCs & CHCs						
S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall
		[R]	[S]	[P]	[S-P]	[R-P]
1	Andhra Pradesh	1340	1355	994	361	346
2	Arunachal Pradesh	206	NA	89	NA	117
3	Assam #	1172	1284	1384	*	*
4	Bihar ##	2049	989	287	702	1762
5	Chhattisgarh	954	1086	887	199	67
6	Goa	28	53	51	2	*
7	Gujarat	1755	1792	1665	127	90
8	Haryana	478	563	419	144	59
9	Himachal Pradesh	627	594	394	200	233
10	Jammu & Kashmir	721	1137	737	400	*
11	Jharkhand ##	485	515	238	277	247
12	Karnataka	2565	2674	2523	151	42
13	Kerala	1081	1036	1102	*	*
14	Madhya Pradesh	1480	1905	1687	218	*
15	Maharashtra	2174	2355	2082	273	92
16	Manipur	102	145	152	*	*
17	Meghalaya ###	136	135	166	*	*
18	Mizoram ^	66	99	59	40	7
19	Nagaland	147	135	101	34	46
20	Odisha	1650	1781	1691	90	*
21	Punjab	583	841	779	62	*
22	Rajasthan	2658	1240	623	617	2035
23	Sikkim	26	NA	10	NA	16
24	Tamil Nadu	1747	1789	1391	398	356
25	Telangana	803	928	814	114	*
26	Tripura	114	0	148	*	*
27	Uttarakhand	317	325	307	18	10
28	Uttar Pradesh	4443	2952	2883	69	1560
29	West Bengal	1263	1458	1381	77	*
30	A& N Islands	26	53	49	4	*
31	Chandigarh^^	5	16	21	*	*
32	D & N Haveli	11	10	12	*	*
33	Daman & Diu	6	5	7	*	*
34	Delhi	5	7	7	0	*
35	Lakshadweep	7	16	16	0	*
36	Puducherry	44	42	37	5	7
	All India/Total	**31274**	**29315**	**25193**	**4582**	**7092**

Notes: *# Sanctioned data for the year 2013 used*

Sanctioned data for the year 2016 used

Sanctioned data for the year 2015 used

^^ Sanctioned data for the year 2013-14 used

^ Total 99 Pharmacists sanctioned in the State

[1] *One per each Primary Health Centre and Community Health Centre*

All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States / UTs

**: Surplus.*

NA: Not Available.

LABORATORY TECHNICIANS at PHCs & CHCs						
S. No.	State/UT	(As on 31st March, 2017)				
		Required[1]	Sanctioned	In Position	Vacant	Shortfall
		[R]	[S]	[P]	[S-P]	[R-P]
1	Andhra Pradesh	1340	1174	779	395	561
2	Arunachal Pradesh	206	NA	123	NA	83
3	Assam #	1172	860	1202	*	*
4	Bihar	2049	683	611	72	1438
5	Chhattisgarh	954	956	727	229	227
6	Goa	28	45	41	4	*
7	Gujarat	1755	1756	1704	52	51
8	Haryana	478	549	367	182	111
9	Himachal Pradesh	627	300	160	140	467
10	Jammu & Kashmir	721	826	796	30	*
11	Jharkhand ##	485	515	250	265	235
12	Karnataka	2565	1790	1532	258	1033
13	Kerala	1081	324	365	*	716
14	Madhya Pradesh	1480	1808	1378	430	102
15	Maharashtra	2174	1474	1308	166	866
16	Manipur	102	102	70	32	32
17	Meghalaya ###	136	118	162	*	*
18	Mizoram ^	66	92	82	10	*
19	Nagaland	147	72	73	*	74
20	Odisha	1650	461	547	*	1103
21	Punjab	583	616	582	34	1
22	Rajasthan	2658	3571	1996	1575	662
23	Sikkim	26	NA	21	NA	5
24	Tamil Nadu	1747	2132	1395	737	352
25	Telangana	803	811	640	171	163
26	Tripura	114	0	91	*	23
27	Uttarakhand	317	106	65	41	252
28	Uttar Pradesh	4443	1331	963	368	3480
29	West Bengal	1263	1360	803	557	460
30	A& N Islands	26	23	19	4	7
31	Chandigarh^^	5	8	22	*	*
32	D & N Haveli	11	7	17	*	*
33	Daman & Diu	6	4	6	*	0
34	Delhi	5	5	4	1	1
35	Lakshadweep	7	13	13	0	*
36	Puducherry	44	10	38	*	6
	All India/Total	**31274**	**23902**	**18952**	**5753**	**12511**

Notes: *# Sanctioned data for year 2013 used*

Sanctioned data for year 2016 used

Sanctioned data for year 2015 used

^ Total 92 Lab. Technicians sanctioned in the State

^^Sanctioned data for 2013-14 used

[1] *One per each Primary Health Centre and Community Health Centre*

All India figures for Vacancy and Shortfall are the totals of State-wise Vacancy and Shortfall ignoring surplus in some States /UTs

**: Surplus.*

NA: Not Available.